

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization  
International Bureau



(43) International Publication Date  
3 August 2006 (03.08.2006)

PCT

(10) International Publication Number  
WO 2006/080596 A1

(51) International Patent Classification:  
C07H 21/00 (2006.01)

(21) International Application Number:  
PCT/KR2005/000266

(22) International Filing Date: 28 January 2005 (28.01.2005)

(25) Filing Language: Korean

(26) Publication Language: English

(71) Applicants and

(72) Inventors: KWON, Hyung-Joo [KR/KR]; 104-1506  
Kunyoung Apt., Yongam-dong, Sangdang-gu,  
Cheongju-si, Chungcheongbuk-do 360-770 (KR). KIM,  
Tae-Yoon [KR/KR]; 8-702 Asia Seonsuchon Apt., 86,  
Jamsil 7-dong, Songpa-gu, Seoul 138-797 (KR).

(72) Inventor; and

(75) Inventor/Applicant (for US only): KIM, Doo-Sik  
[KR/KR]; 84-3 Yeonhui 2-dong, Seodaemun-gu, Seoul  
120-824 (KR).

(74) Agent: SON, Min; 19th Floor, City Air Tower 159-9, Sam-  
seong-dong, Gangnam-gu, Seoul 135-973 (KR).

(81) Designated States (unless otherwise indicated, for every  
kind of national protection available): AE, AG, AL, AM,  
AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,  
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,  
GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,  
KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD,  
MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG,  
PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY,  
TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU,  
ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every  
kind of regional protection available): ARIPO (BW, GH,  
GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM,  
ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),  
European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI,  
FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO,  
SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN,  
GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— with international search report

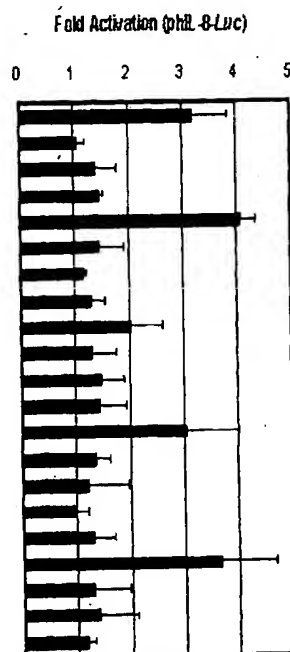
[Continued on next page]

(54) Title: OLIGONUCLEOTIDES DERIVED FROM MYCOBACTERIUM FOR STIMULATING IMMUNE FUNCTION,  
TREATING IMMUNE-RELATED DISEASES, ATOPIC DERMATITIS AND/OR PROTECTING NORMAL IMMUNE CELL

a)

ODN	Sequence
MB-ODN 31(D)	AGCAGCCTTCTGTCTGGCCT
MB-ODN 31(M)	AGCCTTCTGTCTGGC
#31-CG-1	AGCAGCCTTCTGTCTGGCCT
#31-CG-2	AGCAGCCTTCTGTCTGGCCT
#31-CG-3	AGCAGCCTTCTGTCTGGCCT
#31-CG-4	AGCAGCCTTCTGTCTGGCCT
#31-CG-5	AGCAGCCTTCTGTCTGGCCT
#31-CG-6	AGCAGCCTTCTGTCTGGCCT
#31-CG-7	AGCAGCCTTCTGTCTGGCCT
#31-A1	AGCAGCCTTCTGTCTGGCCT
#31-A2	AGCAGCCTTCTGTCTGGCCT
#31-A3	AGCAGCCTTCTGTCTGGCCT
#31-B1	AGCAGCCTTCTGTCTGGCCT
#31-B2	AGCAGCCTTCTGTCTGGCCT
#31-B3	AGCAGCCTTCTGTCTGGCCT
#31-C1	AGCAGCCTTCTGTCTGGCCT
#31-C2	AGCAGCCTTCTGTCTGGCCT
#31-C3	AGCAGCCTTCTGTCTGGCCT
#31-D1	AGCAGCCTTCTGTCTGGCCT
#31-D2	AGCAGCCTTCTGTCTGGCCT
#31-D3	AGCAGCCTTCTGTCTGGCCT

b)



(57) Abstract: Disclosed are oligonucleotides  
for manipulating an immune reaction. The  
oligonucleotides of the present invention may  
be useful to stimulate the immune function, to  
treat the immune-related diseases and the atopic  
dermatitis, or to protect the normal immune cells.

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*For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.*